

Serial No. 10/656,871

Attorney Docket No. 26C-024-RCE

LISTING OF CLAIMS:

1. (Currently amended) A head protecting airbag device comprising an airbag ~~folded in, which, when undeployed, is folded and located at the upper edge of windows inside a vehicle in undeployed condition,~~ and the head protecting airbag device is deployable upon inflow of inflation gas to cover the vehicle's ~~an~~ inner side of the windows, the airbag comprising:
a gas admissible portion inflatable by admitting inflation gas while separating an inner side wall and an outer side wall respectively thereof; and

~~a non-admissible portion admitting non-admissible portions that admit no inflation gas,~~
wherein:

the non-admissible portions are arranged along the front-rear direction of the vehicle;

the gas admissible portion comprises a gas feed passage and an inflatable shielding portion;

the gas feed passage is located along the upper edge of the airbag ~~extending and extends~~ in the front-rear direction of the vehicle;

the inflatable shielding portion is located below the gas feed passage for covering the inner side of the windows upon deployment, the inflatable shielding portion comprises:

a plurality of protection portions juxtaposed along the front-rear direction of the vehicle, wherein the protection portions are partitioned from the gas feed passage by the non-admissible portion;

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a plurality of vertical passages vertically disposed in the front and rear of each of the protection portions, the vertical passages being communicated at upper ends with the gas feed passage; and

a communication passage located below the protection portions and extending along a lower edge of the airbag ~~wherein~~^{airbag:}

each of the protection portions receives inflation gas via the vertical passages, for protecting heads of occupants upon deployment of the airbag; and

the communication passage is communicated with the vertical passages such that inflation gas enters the vertical passages and then the communication passage before entering the protection ~~portions~~^{portions:}

of the protection portions, at least a foremost protection portion for covering a window at the side of front seat comprises a plurality of vertical inflatable portions juxtaposed along the front-rear direction of the vehicle, each of the vertical inflatable portions being arranged vertically and being communicated at lower end thereof with the communication passage; and

the protection portions are closed entirely from the gas feed passage by the non-admissive portions between the vertical passages so that the protection portions receive inflation gas only via the vertical passages.

2. (Canceled)

3. (Canceled)

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4. (Currently amended) A head protecting airbag device comprising an airbag ~~folded-in, which, when undeployed, is folded and located at the upper edge of windows inside a vehicle in undeployed condition, and the head protecting airbag device is deployable upon inflow of inflation gas to cover the vehicle's an inner side of the windows, the airbag comprising:~~

a gas admissible portion inflatable by admitting inflation gas while separating an inner side wall and an outer side wall; and

~~a non-admissible portion admitting non-admissible portions that admit no inflation gas,~~
wherein:

~~the non-admissible portions are arranged along the front-rear direction of the vehicle;~~

the gas admissible portion comprises a gas feed passage and an inflatable shielding portion;

the gas feed passage is located along the upper edge of the airbag extending in the front-rear direction of the vehicle;

the inflatable shielding portion is located below the gas feed passage for covering the inner side of the windows upon deployment, the inflatable shielding portion comprises:

a plurality of protection portions juxtaposed along the front-rear direction of the vehicle, wherein the protection portions are partitioned from the gas feed passage by the non-admissible portion; and

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a plurality of vertical passages vertically disposed in the front and rear of each of the protection portions, the vertical passages being communicated at upper ends with the gas feed passage, wherein:

each of the protection portions receive inflation gas via the vertical passages, for protecting heads of occupants upon deployment of the airbag;

each of the protection portions comprises a plurality of transverse inflatable portions juxtaposed in the vertical direction, each of the transverse inflatable portions being disposed along the front-rear direction of the vehicle and being communicated with the vertical passages, and:

each transverse inflatable portion has a front-rear dimension and a vertical dimension, and the front-rear dimension is greater than the vertical dimension, when the airbag is inflated;

the inflatable shielding portion further comprises vertical inflatable portions vertically disposed next to the vertical passages in the front and rear of the vertical passages; and

the protection portions are closed entirely from the gas feed passage by the non-admissible portions between the vertical passages so that the protection portions receive inflation gas only via the vertical passages.

5. (Currently amended) A head protecting airbag device comprising an airbag folded in, which, when undeployed, is folded and located at the upper edge of windows inside a vehicle in

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~~undeployed condition, and the head protecting airbag device is deployable upon inflow of inflation gas to cover the vehicle's an inner side of the windows, the airbag comprising:~~

~~a gas admissible portion inflatable by admitting inflation gas while separating an inner side wall and an outer side wall; and~~

~~a non-admissible portion admitting non-admissible portions that admit no inflation gas,~~

~~wherein:~~

~~the gas admissible portion comprises a gas feed passage and an inflatable shielding portion;~~

~~the gas feed passage is located along the upper edge of the airbag extending in the front-rear direction of the vehicle;~~

~~the inflatable shielding portion is located below the gas feed passage for covering the inner side of the windows upon deployment, the and the inflatable shielding portion comprises:~~

~~a plurality of protection portions juxtaposed along the front-rear direction of the vehicle, wherein the protection portions are partitioned from the gas feed passage by the non-admissible portion; and~~

~~a plurality of vertical passages vertically disposed in the front and rear of each of the protection portions, the vertical passages being communicated at upper ends with the gas feed passage, wherein:passage;~~

~~each of the protection portions receive inflation gas via the vertical passages, for protecting heads of occupants upon deployment of the airbag;~~

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~~the protection portion comprises a plurality of spottedly arranged non-admissive portions disposed spottedly are formed in the protection portions, thereby forming trifurcated inflation tops in the middle of between the spottedly arranged non-admissive portions; and~~

~~the spottedly arranged non-admissive portions are arranged to define a plurality of parallel lines that extend along the front-rear direction of the vehicle;~~

~~the spottedly arranged non-admissive portions of one of the parallel lines are located between the spottedly arranged non-admissive portions of an adjacent one of the parallel lines;~~

~~the inflatable shielding portion further comprises vertical inflatable portions vertically disposed next to the vertical passages in the front and rear of the vertical passages; and~~

~~the protection portions are closed entirely from the gas feed passage by the non-admissive portions between the vertical passages so that the protection portions receive inflation gas only via the vertical passages.~~

6. (Currently amended) A head protecting airbag device comprising: an airbag ~~folded in, which, when undeployed, is located at the upper edge of windows inside a vehicle in undeployed condition, and the, the head protecting airbag device is deployable being deployable~~ upon inflow of inflation gas; and an inflator for supplying inflation gas to the airbag, the airbag ~~comprising wherein the airbag comprises~~ a gas admissible portion inflatable upon inflow of inflation gas, the gas admissible portion comprising:

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a window-ward shielding portion for covering the vehicle's an inner side of the windows; and

a roof-ward shielding portion for covering the vehicle's an inner side of a body-ward member in a roof side rail located above the windows, respectively upon deployment, wherein:

the window-ward shielding portion is positioned upstream of the roof-ward shielding portion in the flow of inflation gas;

the inflator is located in the upper edge of the windows;

the airbag comprises a joint port disposed in located at the upper edge of the windows so as to be connected to the inflator; and

the roof-ward shielding portion comprises a cover portion for covering the vehicle's inner an inner side of the inflator upon deployment of the airbag, wherein the cover portion covers the inner side of the inflator entirely in the front-rear direction and the up-down direction of the vehicle.

7. (Currently amended) The head protecting airbag device according to Claim 6, wherein:

the airbag further comprises a plurality of mounting portions at the upper edge of the window-ward shielding portion for securing the airbag to the body-ward member in the upper edge of the windows;windows; and

the mounting portions are disposed in the area of the roof-ward shielding portion, and have slits in the upper periphery thereof.

8. (Canceled)